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10/691,886	10/23/2003	Timothy P. McKee	MFCP 108799	8989
45809 7590 05/26/2009 SHOOK, HARDY & BACON L.L.P. (c/o MICROSOFT CORPORATION) INTELLECTUAL PROPERTY DEPARTMENT 2555 GRAND BOULEVARD KANSAS CITY, MO 64108-2613				
EXAMINER				
STACE, BRENT S				
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/691,886

Applicant(s)

MCKEE ET AL.

Examiner

BRENT STACE

Art Unit

2161

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 March 2009.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-41 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-41 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 10 October 2007 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-850)
Paper No(s)/Mail Date 3/17/09 and 5/7/09
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
5) ☐ Notice of Inventor's Patent Application
6) ☐ Other: _____

DETAILED ACTION

Remarks

1. This communication is responsive to the amendment filed March 24th, 2009. Claims 1-41 are pending. In the amendment filed March 24th, 2009, Claims 1, 30, and 41 are amended and Claims 1, 30, and 41 are independent. This action is made FINAL.

Response to Arguments

2. Some of the Applicant's arguments filed March 24th, 2009 with respect to claims 1-41 have been considered but are moot in view of the new ground(s) of rejection below.
3. As to the applicant's arguments with respect to Claims 1-41 for the prior art(s) (Toolbox and Moore) allegedly not teaching **"to present a set of items containing said metadata to the user with a visual representation and said user-selectable tasks listed by said metadata,"** the examiner respectfully submits that this argument is moot in view of the new ground(s) of rejection below. It should be noted that the "metadata listing user-selectable tasks" can be viewed as either 1) the metadata describing a list of tasks in Moore, or 2) the user-customizable rules/procedures overriding, supplementing, or replacing the predefined guided procedures associated with work items in Moore.
4. As to the applicant's arguments with respect to Claims 1-41 for the prior art(s) (Toolbox and Moore) allegedly not teaching **"accessing said metadata contained in**

said one or more requested items to select tasks from said plurality of user-selectable tasks listed in said metadata," the examiner respectfully submits that this argument is moot in view of the new ground(s) of rejection below.

5. The other claims argued merely because of a dependency on a previously argued claim(s) in the arguments presented to the examiner, filed March 24th, 2009, are moot in view of the examiner's interpretation of the claims and art and are still considered rejected based on their respective rejections from at least a prior Office action (part(s) of recited again below).

Response to Amendment

Specification

6. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Drawings

7. Since the lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors, Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the drawings. For example, the drawings should be carefully checked to ensure that all reference numerals are described in the specification, that no one reference numeral

describes two separate drawing elements, or that the specification contains no reference to numerals not in the drawings.

Claim Rejections - 35 USC § 101

8. In light of the applicant's respective arguments or respective amendments, the previous 35 USC § 101 rejections to the claims have been withdrawn.

Claim Rejections - 35 USC § 112

9. In light of the applicant's respective arguments or respective amendments, the previous 35 USC § 112 rejections to the claims have been withdrawn. However, a new 35 USC § 112 rejection is warranted by the amended claims.

10. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

11. Claims 1-41 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Independent Claims 1, 30 and 41 all recite limitations regarding metadata listing user-selectable tasks. The examiner could not find support in the specification for metadata listing user-selectable tasks because the

examiner could not find support in the specification for a list of any kind. This appears to be new matter.

Claim Rejections - 35 USC § 103

12. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

13. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

14. Claims 1-41 are rejected under 35 U.S.C. 103(a) as being unpatentable over "Inside Macintosh: Macintosh Toolbox Essentials" (Toolbox) in view of U.S Patent Application Publication No. 2004/0122853 (Moore).

For **Claim 1**, Toolbox teaches: "A computer system for presenting a plurality of items of multiple types to a user, [Toolbox, p.802, Fig. 7-1 with the Toolbox, p.801, last paragraph] the system comprising:

- a universal data store containing said plurality of items stored in accordance with a universal data schema, [Toolbox, p.802, Fig. 7-1 with Toolbox, p. 803, paragraph under Fig. 7-2] wherein at least a portion of the items contain metadata defining visual elements... [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph] and
- a shell for presenting said plurality of items in the universal data store to a user, [Toolbox, p.815, paragraph under "Creating Customized Document Icons" with Toolbox, p.802, Fig. 7-1] wherein the shell is configured to present a set of items containing said metadata to the user with a visual representation...[Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph with Toolbox, p. 802, Fig. 7-1 with Toolbox, p. 810, Fig. 7-5] and further configured to present items without said corresponding metadata to the user in accordance with a default display view, [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Toolbox discloses the above limitations but does not expressly teach:

- "...and [metadata] listing user-selectable tasks;
- ...and with said user-selectable tasks listed by said metadata...wherein said shell is further configured to launch at least one application in response to a user input selecting one or more of said user-selectable tasks listed by said metadata."

With respect to Claim 1, an analogous art, Moore, teaches:

- "...and [metadata] listing user-selectable tasks; [Moore, abstract with Moore, paragraphs [0019] and [0025]]
- ...and with said user-selectable tasks listed by said metadata [Moore, abstract with Moore, paragraphs [0019] and [0025]]...wherein said shell is further configured to launch at least one application in response to a user input selecting one or more of said user-selectable tasks listed by said metadata, [Moore, paragraphs [0019] and [0025] with Moore, paragraphs [0022], [0029], [0033]-[0034]].

It would have been obvious to one of ordinary skill in the art at the time of invention having the teachings of Moore and Toolbox before him/her to combine Moore with Toolbox because both inventions are directed towards doing work on a computer with a user interface.

Moore's invention would have been expected to successfully work well with Toolbox's invention because both inventions use computers with user interfaces. Toolbox discloses a how icons work in the Mac OS comprising default icons, custom icons, and icons in the file's bundle resource. However, Toolbox does not expressly disclose listing, indicating or launching user-selectable tasks. Moore discloses a personal procedure agent (title) comprising a user-selectable list of work-items that includes metadata describing a list of guided procedures associated with the work-items, launching an application, and directing the application to do the task.

It would have been obvious to one of ordinary skill in the art at the time of invention having the teachings of Moore and Toolbox before him/her to take the metadata listing guided procedures and launching/directing of applications from Moore and install them into the invention of Toolbox, thereby offering the obvious advantage of promoting knowledge sharing and effective collaboration to perform a task or project (Moore, paragraph [0003]).

Claim 2 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 1, wherein said universal data schema includes one or more declared properties" [Toolbox, p.815, third to last paragraph, note the Finder flags, p. 7-34 says that finder flags are per document and with the document].

Claim 3 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 2, wherein each of said plurality of items includes declarations associated with said one or more declared properties" [Toolbox, p.815, third to last paragraph].

Claim 4 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 2, wherein said shell utilizes said one or more declared properties to present the items without said corresponding metadata in accordance with said default display view" [Toolbox, p.815, paragraph under "Creating Customized Document Icons"].

Claim 5 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 1, wherein said metadata includes item decoration data"

[Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 6 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 5, wherein said item decoration data identifies a subset of said metadata containing high value data" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 7 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 6, wherein said high value data is associated with information to be displayed to a user" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 8 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 5, wherein said item decoration data includes data indicating a format aspect associated with presentment of said metadata to a user" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 9 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 8, wherein said format aspect is selected from the group consisting of data formatting, sort order, icon formatting, and associated controls" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 10 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 8, wherein said format aspect includes one or more verbs,

said verbs being associated with operations to be performed on selected items”

[Toolbox, p.815, paragraph under “Creating Customized Document Icons” to the second to last paragraph with Toolbox, p.802, Fig. 7-1].

Claim 11 can be mapped to Toolbox (as modified by Moore) as follows: “The computer system of Claim 10, wherein said operations are performed by one or more applications launched to perform said verbs with respect to said selected items” [Toolbox, p.815, paragraph under “Creating Customized Document Icons” to the second to last paragraph with Toolbox, p.802, Fig. 7-1].

Claim 12 can be mapped to Toolbox (as modified by Moore) as follows: “The computer system of Claim 1, wherein said shell is further configured to present a set of items selected from said plurality of items according to a shell decoration view” [Toolbox, p. 848, frView with Toolbox, p. 855, last full paragraph with Toolbox, pgs. 857-858, last paragraph spanning the pages with the following paragraph].

Claim 13 can be mapped to Toolbox (as modified by Moore) as follows: “The computer system of Claim 12, wherein said set of items includes one or more items having metadata stored in accordance with a first item decoration schema and further includes one or more items having metadata stored in accordance with a second item decoration schema” [Toolbox, p.815, paragraph under “Creating Customized Document Icons” to the second to last paragraph].

Claim 14 can be mapped to Toolbox (as modified by Moore) as follows: “The computer system of Claim 12, wherein said shell decoration view includes one or more display aspects appropriate for displaying each of said set of items to a user” [Toolbox,

p. 848, frView with Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 15 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 14, wherein each of said set of items include a common characteristic" [Toolbox, p.802, Fig. 7-1 with the Toolbox, p.801, last paragraph].

Claim 16 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 15, wherein said common characteristic is selected from the group consisting of document file, image file, audio file, and video file" [Toolbox, p.802, Fig. 7-1 with the Toolbox, p.801, last paragraph].

Claim 17 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 12, wherein said one or more of said set of items are associated with an item decoration view that conflicts with said shell decoration view" [Toolbox, p.855, last paragraph].

Claim 18 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 12, wherein said shell is further configured to present one or more of said set of items with decorative elements associated with an item decoration view and wherein said decorative elements do not conflict with said shell decoration view" [Toolbox, p.855, last paragraph with Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 19 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 1, wherein said shell is further configured to present items selected from said plurality of items according to an explorer display view" [Toolbox, p.

848, frView with Toolbox, p. 855, last full paragraph with Toolbox, pgs. 857-858, last paragraph spanning the pages with the following paragraph].

Claim 20 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 19, wherein said explorer display view includes one or more decorative properties" [Toolbox, p. 848, frView with Toolbox, p. 855, last full paragraph with Toolbox, pgs. 857-858, last paragraph spanning the pages with the following paragraph].

Claim 21 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 19, wherein said explorer display view includes one or more shell display views, and wherein one of said shell display views is utilized to display a set of explorer items" [Toolbox, p. 848, frView with Toolbox, p. 855, last full paragraph with Toolbox, pgs. 857-858, last paragraph spanning the pages with the following paragraph].

Claim 22 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 21, wherein said shell display view includes one or more display aspects appropriate for displaying each of said set of explorer items to a user" [Toolbox, p. 848, frView with Toolbox, p. 855, last full paragraph with Toolbox, pgs. 857-858, last paragraph spanning the pages with the following paragraph].

Claim 23 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 22, wherein each of said set of explorer items include a common characteristic" [Toolbox, p.802, Fig. 7-1 with Toolbox, p. 848, frView].

Claim 24 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 21, wherein said explorer display view is configured to utilize a shell display view not included with an explorer to display an item which cannot be displayed according to said one or more shell display views included with said explorer display view" [Toolbox, p. 855, last full paragraph].

Claim 25 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 21, wherein said explorer display view is configured to display an explorer item which is not associated with a shell display view according to an item decoration view" [Toolbox, p. 855, last full paragraph with Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 26 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 21, wherein said explorer display view is configured to display an explorer item which is not associated with an item decoration view according to said default display view" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 27 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 19, wherein said explorer display view includes one or more data queries associated with said explorer display view" [Toolbox, p. 855, last full paragraph].

Claim 28 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 19, wherein said explorer display view includes one or more

verbs, said verbs being associated with an operation to be performed on a selected explorer item" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph with Toolbox, p.802, Fig. 7-1].

Claim 29 can be mapped to Toolbox (as modified by Moore) as follows: "The computer system of Claim 28, wherein said operation is performed by an application launched to perform at least one of said one or more verbs with respect to said selected explorer item" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph with Toolbox, p.802, Fig. 7-1].

For **Claim 30**, Toolbox teaches: "One or more computer-readable media having computer-usable instructions stored thereon to perform a computer-implemented method for presenting a plurality of items stored in a universal data store to a user, [Toolbox, p.802, Fig. 7-1 with the Toolbox, p.801, last paragraph with Toolbox, p.802, Fig. 7-1] the method comprising:

- accessing said universal data store in response to a request to present said plurality of items to the user, [Toolbox, p.802, Fig. 7-1 with Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph] wherein said plurality of items are stored are in accordance with a universal data schema, [Toolbox, p. 803, paragraph under Fig. 7-2] and wherein at least a portion of said plurality of items contain metadata stored in accordance with an item decoration schema, wherein said metadata defines a visual representation of an item [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph]...

- for at least a portion of one or more requested items, accessing said metadata contained in multiple of said one or more requested items [Toolbox, p.815, paragraph under “Creating Customized Document Icons” to the second to last paragraph]...
- presenting along with the one or more requested items...” [Toolbox, p.815, paragraph under “Creating Customized Document Icons” with Toolbox, p.802, Fig. 7-1].

Toolbox discloses the above limitations but does not expressly teach:

- ...and further lists a plurality of user-selectable tasks that may be performed with respect to said item, wherein the metadata itself lists the user-selectable tasks;
- ...to select tasks from said plurality of user-selectable tasks listed in said metadata;
- [presenting]...at least a portion of the selected tasks obtained from the metadata of at least a portion of said one or more requested items;
- receiving a user input selecting one of a plurality of user-selectable tasks;
- launching at least one application in response to said user input; and
- directing said at least one application to perform the selected user-selectable task with respect to said one or more requested items.”

With respect to Claim 30, an analogous art, Moore, teaches:

- ...and further lists a plurality of user-selectable tasks that may be performed with respect to said item, wherein the metadata itself lists the user-selectable tasks;
- [Moore, abstract with Moore, paragraphs [0019] and [0025]]

- ...to select tasks from said plurality of user-selectable tasks listed in said metadata; [Moore, abstract with Moore, paragraphs [0019] and [0025]]
- [presenting]...at least a portion of the selected tasks obtained from the metadata of at least a portion of said one or more requested items; [Moore, abstract with Moore, paragraphs [0019] and [0025]]
- receiving a user input selecting one of a plurality of user-selectable tasks; [Moore, paragraphs [0019] and [0025]]
- launching at least one application in response to said user input; [Moore, paragraphs [0019] and [0025] with Moore, paragraphs [0033]-[0034], [0022], and [0029]] and
- directing said at least one application to perform the selected user-selectable task with respect to said one or more requested items" [Moore, paragraphs [0033]-[0035] and [0037]].

It would have been obvious to one of ordinary skill in the art at the time of invention having the teachings of Moore and Toolbox before him/her to combine Moore with Toolbox because both inventions are directed towards doing work on a computer with a user interface.

Moore's invention would have been expected to successfully work well with Toolbox's invention because both inventions use computers with user interfaces. Toolbox discloses a how icons work in the Mac OS comprising default icons, custom icons, and icons in the file's bundle resource. However, Toolbox does not expressly disclose listing, indicating or launching user-selectable tasks. Moore discloses a

personal procedure agent (title) comprising a user-selectable list of work-items that includes metadata describing a list of guided procedures associated with the work-items, launching an application, and directing the application to do the task.

It would have been obvious to one of ordinary skill in the art at the time of invention having the teachings of Moore and Toolbox before him/her to take the metadata listing guided procedures and launching/directing of applications from Moore and install them into the invention of Toolbox, thereby offering the obvious advantage of promoting knowledge sharing and effective collaboration to perform a task or project (Moore, paragraph [0003]).

Claim 31 can be mapped to Toolbox (as modified by Moore) as follows: "The method of Claim 30, wherein said metadata includes data indicating one or more decorative aspects associated with presentment of said metadata to a user" [Toolbox, p.815, paragraph under "Creating Customized Document Icons"].

Claim 32 can be mapped to Toolbox (as modified by Moore) as follows: "The method of Claim 31, wherein presenting a requested item with said corresponding metadata includes presenting said metadata according to one or more of said decorative aspects" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 33 can be mapped to Toolbox (as modified by Moore) as follows: "The method of Claim 31, wherein said method further comprises presenting a set of items according to a shell decoration view, [Toolbox, p. 848, frView] wherein said set of items includes one or more items having metadata stored in accordance with a first item

decoration schema and further includes one or more items having metadata stored in accordance with a second item decoration schema" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 34 can be mapped to Toolbox (as modified by Moore) as follows: "The method of Claim 33, wherein said shell decoration view includes one or more display aspects appropriate for displaying each of said set of items to a user" [Toolbox, p. 848, frView with Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 35 can be mapped to Toolbox (as modified by Moore) as follows: "The method of Claim 33, wherein presenting said set of items according to a shell decoration view includes presenting items having an item decoration schema which conflicts with said shell decoration view according to said shell decoration view" [Toolbox, p.855, last paragraph].

Claim 36 can be mapped to Toolbox (as modified by Moore) as follows: "The method of Claim 30, wherein said method further comprises presenting items according to an explorer display view" [Toolbox, p. 848, frView with Toolbox, p. 855, last full paragraph with Toolbox, pgs. 857-858, last paragraph spanning the pages with the following paragraph].

Claim 37 can be mapped to Toolbox (as modified by Moore) as follows: "The method of Claim 36, wherein said explorer display view includes one or more decorative properties [] and one or more shell display views, [Toolbox, p. 848, frView with Toolbox, p. 855, last full paragraph with Toolbox, pgs. 857-858, last paragraph spanning the

pages with the following paragraph] and wherein one or more of said shell display views are utilized to display a set of explorer items" [Toolbox, p. 848, frView with Toolbox, p. 855, last full paragraph with Toolbox, pgs. 857-858, last paragraph spanning the pages with the following paragraph].

Claim 38 can be mapped to Toolbox (as modified by Moore) as follows: "The method of Claim 37, wherein an item which cannot be displayed according to said one or more shell display views included with said explorer display view is presented according to a shell display view not included with said explorer display view" [Toolbox, p. 855, last full paragraph].

Claim 39 can be mapped to Toolbox (as modified by Moore) as follows: "The method of Claim 37, wherein an item which cannot be displayed according to a shell display view is presented according to an item decoration view" [Toolbox, p. 855, last full paragraph with Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Claim 40 can be mapped to Toolbox (as modified by Moore) as follows: "The method of Claim 36, wherein said explorer display view includes one or more verbs, said verbs being associated with an operation to be performed on a selected explorer item" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph with Toolbox, p.802, Fig. 7-1].

For **Claim 41**, Toolbox teaches: "A shell stored on one or more computer-readable media and executable on a computer for presenting a plurality of items stored

in a universal data store to a user, [Toolbox, p.815, paragraph under "Creating Customized Document Icons" with Toolbox, p.802, Fig. 7-1] the shell comprising:

- a data store interaction component which retrieves metadata contained within one or more of said plurality of items in response to a request to present the one or more items to the user, [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph] wherein said plurality of items are stored in accordance with a universal data schema, [Toolbox, p. 803, paragraph under Fig. 7-2] and wherein at least a portion of said plurality of items contain said metadata defining visual elements [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph]...and
- a display presentation component which utilizes said retrieved metadata to present at least a portion of said one or more requested items, [Toolbox, p.815, paragraph under "Creating Customized Document Icons" with Toolbox, p.802, Fig. 7-1] wherein said display presentation component is configured to present a set of items of heterogeneous types to the user with a visual representation [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph with Toolbox, p. 802, Fig. 7-1 with Toolbox, p. 810, Fig. 7-5] ...and further configured to present a set of items of a homogenous-type in accordance with a default display view associated with said homogenous-type... [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph with Toolbox, p. 802, Fig. 7-1 with Toolbox, p. 810, Fig.

7-5)... wherein said visual representation is generated by selecting a portion of said visual elements from the metadata accompanying multiple items from said set of items of heterogeneous types" [Toolbox, p.815, paragraph under "Creating Customized Document Icons" to the second to last paragraph].

Toolbox discloses the above limitations but does not expressly teach:

- "...and listing user-selectable tasks;
- ...and with said user-selectable tasks listed by said metadata
- ...wherein said display presentation component is further configured to launch at least one application in response to a user input selecting one or more of said user-selectable tasks listed by said metadata."

With respect to Claim 41, an analogous art, Moore, teaches:

- "...and listing user-selectable tasks; [Moore, abstract with Moore, paragraphs [0019] and [0025]]
- ...and with said user-selectable tasks listed by said metadata [Moore, abstract with Moore, paragraphs [0019] and [0025]]
- ...wherein said display presentation component is further configured to launch at least one application in response to a user input selecting one or more of said user-selectable tasks listed by said metadata" [Moore, paragraphs [0019] and [0025] with Moore, paragraphs [0033]-[0034], [0022], and [0029]].

It would have been obvious to one of ordinary skill in the art at the time of invention having the teachings of Moore and Toolbox before him/her to combine Moore

with Toolbox because both inventions are directed towards doing work on a computer with a user interface.

Moore's invention would have been expected to successfully work well with Toolbox's invention because both inventions use computers with user interfaces. Toolbox discloses a how icons work in the Mac OS comprising default icons, custom icons, and icons in the file's bundle resource. However, Toolbox does not expressly disclose listing, indicating or launching user-selectable tasks. Moore discloses a personal procedure agent (title) comprising a user-selectable list of work-items that includes metadata describing a list of guided procedures associated with the work-items, launching an application, and directing the application to do the task.

It would have been obvious to one of ordinary skill in the art at the time of invention having the teachings of Moore and Toolbox before him/her to take the metadata listing guided procedures and launching/directing of applications from Moore and install them into the invention of Toolbox, thereby offering the obvious advantage of promoting knowledge sharing and effective collaboration to perform a task or project (Moore, paragraph [0003]).

15. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Conclusion

16. Any prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Applicant is advised that, although not used in the rejections above, prior art cited on any PTO-892 form and not relied upon is considered materially relevant to the applicant's claimed invention and/or portions of the claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brent S. Stace whose telephone number is 571-272-8372 and fax number is 571-273-8372. The examiner can normally be reached on M-F 9am-5:30pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Apu M. Mofiz can be reached on 571-272-4080. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/B. S./
Examiner, Art Unit 2161

/Apu M Mofiz/
Supervisory Patent Examiner, Art Unit 2161